

3rd Grade iPod touch

2010-2011

CANBY SCHOOL DISTRICT

PROJECT INFORMATION FLYER



Students in Canby Schools use iPod devices to improve their reading and math achievement

Improving achievement through access

Students in 3rd grade will have full-time access to technology

In the 2010-2011 school year, all 3rd grade students in Canby School District will have one-to-one access to digital resources using iPod touch devices from Apple Inc. Each 3rd grade student in every elementary school in Canby will be issued an iPod touch to use for their daily learning needs. The devices will also be used at other grade levels in smaller quantities Kindergarten through 12th Grade.



iPod touch devices were chosen as the technology platform because of their computing power, mobility, usefulness,

and cost. With more than a quarter-million applications (“Apps”) available for download and classroom use, iPod touch devices have proven themselves to be a veritable “Swiss Army knife” learning tool, able to replace many traditional classroom items as well as provide access to media-rich Internet resources to engage learners and teachers.

Being a highly mobile device, iPod touch allows Canby to harness its installed resources more effectively than building traditional computer “labs.” They require less electricity, use our district’s filtered wireless network, and can be used by students immediately as the learning needs arise. Beyond Internet resources, iPod touch allows us to provide more access for every student to traditional classroom items, such as interactive

globes, atlases, dictionaries, books, calculators and voice recorders. They also provide a means for students to create and share their work with each other as

Canby students in all grade levels have seen improved achievement in both reading and math statewide assessments

well as their teachers either via the iPod touch itself, classroom blogs, or final presentations using other technologies. iPod touch devices are proving to be engaging and powerful learning tools for our students.



Canby’s students using iPod touch are achieving higher on assessments



Multi-use tool

iPod touch allows teachers to make specific learning goals reachable in myriad ways.



Why iPods?

Improved access, lower cost

Canby School District has determined that up to 80% of tasks and projects that had previously required the use of a laptop or a desktop computer can be completed by using one of Apple Inc's iPod touch. Because of the device's mobility, ability and low cost, we are able to provide more students more access to technology than they have ever had in our classrooms. Currently, there are no devices by any other vendor that compare in terms of size, price, and functionality.

Canby students need access



At least 50% of Canby's students qualify for the Federal Free & Reduced Lunch program, indicating that those students most likely have little to no access to technology resources

(including Internet) outside of the school day. Technology is an integral part of the work and the school environment, therefore, the District feels it is imperative to provide both access and structure to using technology in meaningful and ethical ways.

Grant-funded opportunity

During the budget reductions for the 2009-10 school year, technology funding was severely impacted. Through a series of grants that Canby SD received, including a facilities rebate from our recent construction projects and a classroom grant program from one-time monies dedicated out of the state school fund (both targeted for equipping our schools rather than for staffing) from the State of Oregon, much of that lost funding was replaced.



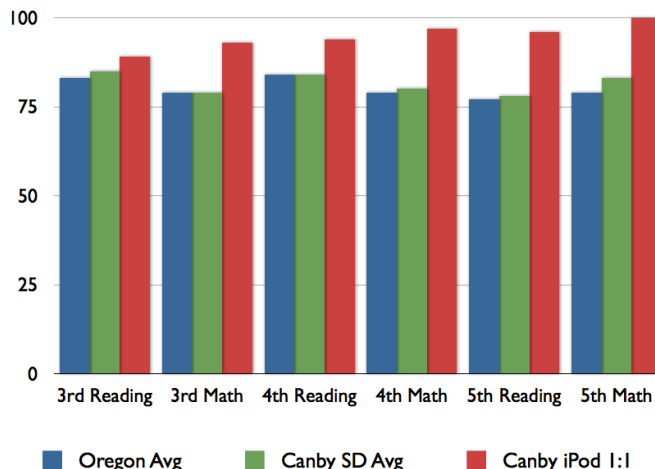
More information

Available on the web at:

wiki.canby.k12.or.us/groups/ipodusergroup/blog

Math & Reading scores show dramatic differences

OAKS Results: 2009-10



Scores for Canby students using iPod touch devices in elementary grades have shown marked achievement differences between those students who had 1:1 access to iPod touch devices and those who did not. The scores in the graph above are results from the 2009-10 Oregon's Assessment of Knowledge & Skills (OAKS) in both reading and mathematics.

Engaging students & teachers key to successful project

Throughout the pilot projects using iPod devices that Canby SD has engaged in since 2007, the achievement results point to a key aspect of teaching and learning. Research has shown that student engagement is an essential element of helping students connect to the learning environment and improving their achievement. We found as students became more and more connected to their schoolwork via the iPod touch, teachers also became more engaged in using the technology in new and exciting ways. Is this mobile technology replacing teachers? No! Our teachers are more important than ever in guiding students and their achievement using this exciting and engaging technology.

Voice recording on iPod devices throughout Canby SD has been a gateway by which teachers engage their students in tracking their own learning progress: being able to hear themselves

read and to improve upon what they hear has shown dramatic differences to reading fluency gains and overall reading achievement on Oregon's Assessment of Knowledge & Skills (OAKS) reading assessment. Along with better reading scores, math scores have also seen impressive growth.

iPod touch apps enrich the classroom by facilitating quick and powerful ways for students to connect to information, practice their skills, and communicate with others. Through reading enrichment, practicing math facts, accessing media-rich information, and experiencing differentiated learning opportunities, Canby students are reaping the benefits of having a more personalized learning environment and their achievement results are proving it!

For more information, contact:

Joe Morelock, Canby's Director of Technology & Innovation:
morelocj@canby.k12.or.us

or on the web at:

wiki.canby.k12.or.us/groups/grade3ipods